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HEAT EXCHANGER

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ABSTRACT

PURPOSE: To mount all fins in a single process by boring insertion holes on a header and inserting and connecting both ends of a side plate into said holes.

CONSTITUTION: Tubes 1 and a side plate 11 are set at a specified span wherein all corrugated fins 3 are previously laid out so as to match the clearance between each tube 1 and the clearance between the tubes 1 and the side plate 11. The fins 3 are transferred into these clearances simultaneously and mounted therein. Then, the both ends of each tube 1 and the side plate 11 are inserted into a mount hole 2a and an insertion hole 15 on a header 2. This construction makes it possible to set previously the side plate to a fixed position and further lay out the corrugated fins 3 in advance in such a fashion that they may match the clearance between each tube 1 and the clearance between the tubes 1 and the side plate 11. It is, therefore, possible to mount every corrugated fin 3 simultaneously.